

ABSTRACT OF THE DISCLOSURE

5 A method for measuring a thickness of a non-conductive coating on a semi-
conductive substrate includes placing a pair of conducting plates in contact with the
non-conductive coating. A capacitance value of the non-conductive coating in
combination with the semi-conductive component is measured using a capacitance
meter. The measured capacitance value of the non-conductive coating in
10 combination with the semi-conductive component is then used to determine an
independent capacitance value of the non-conductive coating. The thickness of the
non-conductive coating is directly related to the independent capacitance value of
the non-conductive coating.

15